Machine Information Interoperability

Program

Start	March 19th, 2026	9:30 am CET
End	March 19th, 2026	3:45 pm CET
Place	VDMA, Lyoner Str. 16, 60528 Frankfurt, Room 10	

OPC UA Plenary Meeting –
Important news on interoperability for the mechanical and process engineering industry

9:00 am   **Coffee and snacks**

9:30 am   **Welcome**

Heiko Herden, VDMA

9:40 am   **OPC UA for Machinery**
Introduction into the new Machinery Whitepaper (OPC 40000), the new Release for Energy Management (OPC 40001-4) and the currently ongoing activities for describing common Machinery components (will be OPC 40001-5).

Heiko Herden, VDMA
Dr. Wolfgang Mahnke, Unified Automation

10:10 am   **News from the OPC Foundation**
Latest developments and activities around OPC UA.

Stefan Hoppe, OPC Foundation

10:40 am   **OPC UA FX & FLC: Accelerating the Next Wave of Industrial Interoperability**
Presentation of the latest achievements within the FLC group, provision of an up-to-date status on OPC UA FX and preview of ongoing work and prototyping.

Dr. Rainer Beudert, Schneider Electric Automation

11:10 am   **Break**

11:40 am   **Flash Workshop: Improvement Opportunities with OPC UA**
An interactive session to share experiences in the OPC UA environment and identify opportunities for improvement. Topics include information modelling, PLC and SDK aspects, understanding of the specification, the tool landscape, and the role of OPC UA within the Industrie 4.0 ecosystem and related technologies.

Maximilian Wagner, VDMA

12:40 pm   **Presentation of the flash-workshop results**
All session moderators

1:00 pm   **Lunch Break**

Afternoon Session – How to bring OPC UA CS into PLCs

2:05 pm   **Information model creation with SiOME**
From companion specification to functional OPC UA interface in just a few clicks.

Sarah Basel-Latour, Siemens

2:30 pm   **From Model to Runtime: Implementing OPC UA CS using the TwinCAT OPC UA Nodeset Editor**
Demonstration of the workflow from importing the information model as a nodeset to a fully operational PLC integration, including validation with an OPC UA client. This covers address space customization, data access, and live method calls at runtime.

Julian Thielemann, Beckhoff

2:55 pm   **Scalable Engineering of OPC UA Information Models on PLCs**
This live demonstration presents scalable engineering of OPC UA Information Models on PLCs — from straightforward PLCopen-based variable exposure to the instantiation of a structured Information Model and its binding to PLC variables.

Marco Hoch, Mitsubishi Electric

3:20 pm **From Specs to Runtime: Bringing OPC UA CS to Life on Motion PLCs**
A demonstration on how OPC UA Companion Specifications can move beyond theory into real time execution – showing how structured models such as the Weihenstephan Sweets Standard seamlessly run on a modern motion PLC.

Dr. Rainer Beudert, Schneider Electric Automation

Ulrich Roesch, Schneider Electric Automation

3:45 pm **End of Event**